Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 01 Oct 2021 until 23:59 on Saturday 02 Oct 2021

Forecast Issued on Friday 01 Oct 2021 at 01:24

Confidence: High for unsettled and often windy conditions throughout the period. Lower confidence in the details and timing of rain and overall wind strengths, particularly through the weekend.

Headline for Friday 01 Oct 2021: Early rain clearing to give blustery showers.

Mountain weather hazards on Friday 01 Oct 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy rain showers	Heavy rain showers	Heavy rain showers	Heavy rain showers	Heavy rain showers (night)
Precipitation probability					
70%	40%	30%	40%	30%	30%

Forecast for Friday 01 Oct 2021

Weather: Persistent, locally heavy, rain and patchy low cloud will clear during the early part of the morning to leave a brighter day with some good sunny spells but also frequent showers. These showers will be fast moving in the strong westerly/southwesterly winds but are likely to be heavy at times with a low risk of hail and thunder. Conditions remain similar overnight with showers merging into longer spells of rain by dawn.

Chance of cloud free mountain/hill tops above 600m: 40% during the early morning but improving to become 90% by the afternoon.

Visibility: Patches of low cloud obscuring hills above 500m through the morning, giving some poor visibilities, particularly in association with more persistent rain. Visibility may be poor or very poor at times with nearby landmarks difficult to make out. Cloud lifting to above summits into the afternoon with very good visibility in general, though nearby hills becoming obscured in any heavier showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Friday 01 Oct 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	27/37 SW	23/34 W	24/36 W	24/35 W	20/31 SW	17/27 SW	17/26 SW
300	16/33 SW	17/35 W	19/37 W	17/35 W	11/27 SW	9/23 SW	10/25 SW
Valley	13/31 SW	15/32 W	15/31 SW	15/31 W	9/25 SW	9/24 W	7/20 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/4	7/2	7/2	7/2	6/1	6/2	5/0
300	11/8	9/6	9/6	10/6	8/5	8/5	8/5
Valley	12/10	11/8	11/8	11/8	10/8	10/7	9/7
Freezing Level*	1900m	1400m	1200m	1300m	1300m	1300m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong blustery winds likely though the day and these could locally gust to 35-45mph over the highest tops and in association with heavy showers during the afternoon. These strong winds giving a very cool feel to the day at higher levels despite the bright conditions.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 01 Oct 2021	11.6mm	12.8mm	29.6mm

Forecast for Saturday 02 Oct 2021

Weather: The day will start with sunny spells and heavy showers. Rain moving in for the afternoon, heavy and persistent, with strong winds or gales as an area of heavy rain crosses the Park. This will clear into the evening to leave drier, clearer but still windy conditions with the risk of showers overnight.

Maximum wind: Southerly or southeasterly winds mean 20-30mph and gust 40-50mph are possible.

Chance of cloud free mountain/hill tops above 600m: 80% to start but reducing through the morning to become 30% into the afternoon and evening.

Visibility: Patchy low cloud likely to start obscuring the highest peaks above 600m, but this will tend to thicken and lower into the afternoon to give widespread low cloud above 200-300m by the evening and some poor visibility in persistent rain. Conditions will improve overnight as rain clears away.

Temperature: **Valleys:** Plus 5 Celsius, becoming Plus 10 Celsius during the day.
At 600m: Plus 6 Celsius
Freezing level: Above summits.

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